

WEST

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File: DWPI

Oct 29, 1996

DERWENT-ACC-NO: 1997-017294
DERWENT-WEEK: 199702
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TITLE: Anti-depressant for relieving mental fatigue and stress - consists of carnitine(s) and vitamin B1

PATENT-ASSIGNEE:

ASSIGNEE

TAKEDA CHEM IND LTD

CODE

TAKE

PRIORITY-DATA: 1995JP-0053513 (February 17, 1995)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|------------------|----------|-------|-------------|
| JP 08283148 A | October 29, 1996 | | 010 | A61K031/205 |

APPLICATION-DATA:

| PUB-NO | APPL-DATE | APPL-NO | DESCRIPTOR |
|-------------|------------------|----------------|------------|
| JP08283148A | February 2, 1996 | 1996JP-0040543 | |

INT-CL (IPC): A61 K 31/205; A61 K 31/51; C07 C 229/22; C07 D 239/42; C07 D 405/12; A61 K 31/205; A61 K 31/51; C07 D 239/42; C07 D 307/06; C07 D 405/12

ABSTRACTED-PUB-NO: JP08283148A

BASIC-ABSTRACT:

Depressive symptom improvement agent comprises carnitines and vitamin B1.

Pref. carnitine is carnitine chloride. Vitamin B1 is thiol-type thiamine deriv. or its salt, vitamin B1 deriv. having a disulphide bond or its salt, a S-acyl-type thiamine deriv. or its salt or flusulthiam ine hydrochloride.

Dosage amt. of carnitines is 10-600 (pref. 50-50 and esp. 100-300)mg for an adult a day. That of vitamin B1 is 1-300 pref. 5-200 and esp. 10-150)mg (e.g. 30-90mg) for an adult a day.

USE/ADVANTAGE - Used as internal and external preparations. Agent has invigorating effect on use and improves depressive feeling derived from stress and mental fatigue.

In an example, two tablets (dosage amt. for adult a day) comprised dicarnitine chloride (100mg), flusulthiamine hydrochloride (30mg), lactose (141mg), starch (58mg), hydroxypropylcellulose (10mg), and magnesium stearate (1mg) (total 340mg).

CHOSEN-DRAWING: Dwg.0/6

TITLE-TERMS: ANTI DEPRESS RELIEVE MENTAL FATIGUE STRESS CONSIST CARNITINE VITAMIN

DERWENT-CLASS: A96 B02 B05

CPI-CODES: A12-V01; B03-B; B10-A22; B14-J01A1;

CHEMICAL-CODES:

Chemical Indexing M2 *01*

Fragmentation Code

H1 H181 H4 H401 H481 H8 J0 J011 J1 J171
K0 L7 L722 M210 M211 M273 M283 M313 M321 M332
M343 M381 M391 M416 M431 M620 M782 M903 M904 P451
P452

Specific Compounds

12266M

Chemical Indexing M2 *02*

Fragmentation Code

C017 C100 C720 C800 C801 C803 C804 C805 C806 C807
H1 H181 H4 H401 H481 H8 J0 J011 J1 J171
K0 L7 L722 M210 M211 M273 M283 M313 M321 M332
M343 M381 M391 M411 M431 M510 M520 M530 M540 M620
M640 M782 M903 M904 P451 P452

Specific Compounds

04599M

Chemical Indexing M2 *03*

Fragmentation Code

F012 F013 F014 F015 F019 F541 F710 H1 H100 H121
H4 H401 H481 H8 K0 L7 L721 L9 L943 M210
M211 M240 M282 M311 M312 M321 M332 M342 M373 M392
M413 M431 M510 M522 M530 M540 M782 M903 M904 M910
P451 P452 V0 V321

Specific Compounds

00185M

Registry Numbers

0185U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0185U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R03005 G3678 G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50 D76 D93
F24 F29 F26 F34 H0293 P0599 G3623 Polymer Index [1.2] 018 ; ND01 ; Q9999 Q8037 Q7987

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1997-005133